

Appl. No. 10/027,736
Amendment dated March 8, 2004

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) An isolated nucleic acid comprising a polynucleotide sequence that encodes a non-human primate Fc receptor polypeptide with an amino acid sequence of SEQ ID NO: 9, ~~SEQ ID NO: 11, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 18, SEQ ID NO: 20, SEQ ID NO: 25, SEQ ID NO: 29, SEQ ID NO: 64~~ or a fragment corresponding to amino acids 1 to 269 of SEQ ID NO: 65 thereof.

2. (Original) An isolated nucleic acid of claim 1, wherein the polynucleotide sequence has a sequence of SEQ ID NO: 1.

3-10. (Canceled)

11. (Currently amended) An isolated nucleic acid encoding an Fc receptor polypeptide prepared according to the method ~~of claim 10~~ comprising:

a) amplifying a nucleic acid from a nonhuman primate cell with a primer set comprising a forward and a reverse primer, wherein the primer sets are selected from SEQ ID NO:31 and SEQ ID NO:32 or SEQ ID NO:33 and SEQ ID NO:34; and

b) isolating the amplified nucleic acid.

12-13. (Canceled)

14. (Currently amended) An isolated nucleic acid of claim 1, wherein the polynucleotide encodes an extracellular fragment of the Fc receptor polypeptide with an amino acid sequence corresponding to amino acids 1 to 269 of SEQ ID NO:65.

15. (Original) A vector comprising the nucleic acid of claim 1.

16. (Currently amended) An isolated host cell comprising the vector of claim 15.

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17. (Original) A host according to claim 16, wherein the cell is a mammalian cell.
18. (Currently amended) A nucleic acid of claim 1, further comprising a nucleotide sequence encoding a heterologous polypeptide operably linked to the nucleotide sequence encoding a Fc receptor polypeptide, wherein the heterologous polypeptide is selected from the group consisting of Gly/His₆ fused to glutathione S-transferase, 6-His tag, thioredoxin tag, hemagglutinin tag, GlyH156 tag, and OmpA signal sequence tag.
- 19-74. (Canceled)
75. (Currently amended) An isolated nucleic acid comprising a polynucleotide sequence that encodes a non-human primate Fc receptor polypeptide with an amino acid sequence of SEQ ID NO: 65, ~~SEQ ID NO: 66, SEQ ID NO: 67, SEQ ID NO: 68, SEQ ID NO: 69, SEQ ID NO: 70, SEQ ID NO: 71, SEQ ID NO: 72~~ or a fragment corresponding to amino acids 1 to 269 of SEQ ID NO: 65.
76. (Original) An isolated nucleic acid of claim 75, wherein the polynucleotide sequence has a sequence of SEQ ID NO: 1.
- 77-83. (Canceled)
84. (Original) A vector comprising the nucleic acid of claim 75.
85. (Currently amended) An isolated host cell comprising the vector of claim 84.
86. (Original) A host according to claim 85, wherein the cell is a mammalian cell.
87. (Currently amended) A nucleic acid of claim 75, further comprising a nucleotide sequence encoding a heterologous polypeptide operably linked to the nucleotide sequence encoding a Fc receptor polypeptide, wherein the heterologous polypeptide is selected from the

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group consisting of Gly/His₆ fused to glutathione S-transferase, 6-His tag, thioredoxin tag, hemagglutinin tag, GlyIh156 tag, and OmpA signal sequence tag.

88-90. (Canceled)